



CDF Operations Report

Steve Hahn

5-August-2004

CDF Weekly Meeting



Store Summary (7/28-8/5)

Store	Start Date	Duration (hours)	Inst Lum Initial e30 cm-2 s-1	Int. Lum Delivered nb-1	Live Lum nb-1
3678	7/28	35.4	90.3	4056	3492 86%
3685	7/29	11.0	76.2	1846	1424 77%
3692	7/31	12.8	85.7	2168	1718 79%
3699	8/02	24.2	70.0	2603	2318 89%
Total 3674-3692		83.4		10,673	8952 84%
FY2004 (3033-3692)	11/22/03	3487		323,405	255,944 79%



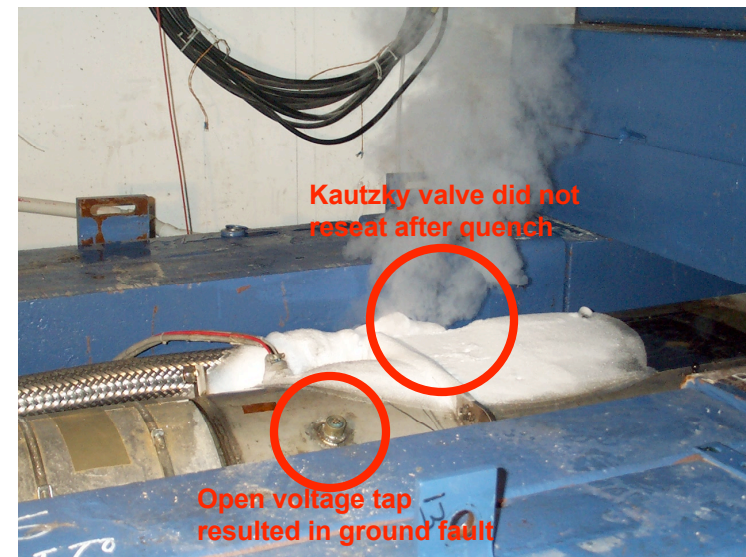
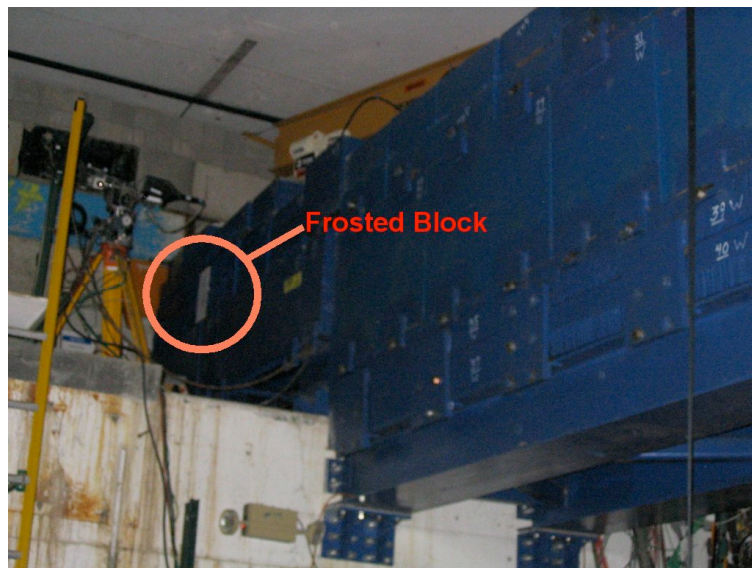
Store Notes

- CDF ran smoothly during CDF week
- Store 3678 - Owl shift on 7/28 set record for most data to tape in a single shift: 1434 nb^{-1} (87% live)
- Single run in same store recorded $>2608 \text{ nb}^{-1}$
- Losses were generally OK
- A few HV problems in CES and CMX, not correlated with losses
- Lost a few hours to SVT electronics problems on Friday morning



Store Notes

- CDF ran not-so-smoothly during this week
- Repeated quenches in B0 quads, culminating in ground fault on B0Q3 on west side Saturday
- Dire predictions on Sunday morn revoked by our stacking crew and TeV personnel





Store Notes

- CDF ran not-so-smoothly during this week
- Store 3699 - Day shift on 8/02:
 - Large losses—long scraping and rescrape (2.4%)
 - Lost silicon ladder SBOWAL4; taken out (1.2%)
- Access Tuesday
 - 3 L00 crowbars fixed
 - Silicon ladder investigated; problem in detector
- Many problems waiting for next shot
 - 33 mA of recycler lost when corrector power supply railed
 - TeV E2 power supply bus fault; reconfigure to use 5 of 6 power supplies
 - Whole pbar stack lost Wednesday due to electrical work
 - Do XTRP, Pulsar, active splitter, trigger table tests in interim